H1600

0056938

LIONVILLE LABORATORY INC.

Client: TNU-HANFORD B02-007
LVL #: 0111L292
SDG/SAF #: H1600/B02-007

W.O. #: 11343-606-001-9999-00
Date Received: 11-07-2001

GC/MS VOLATILE

One (1) water sample was collected on 11-02-2001.

The sample and its associated QC samples were analyzed according to criteria set forth in Lionville Laboratory OPs based on SW 846 Method 8260B for TCL Volatile target compounds on 11-14-2001.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

1. The cooler temperature upon receipt has been recorded on the chain-of-custody.
2. The analysis holding time was met.
3. Non-target compounds were detected in the sample.
4. All surrogate recoveries were within EPA QC limits.
5. All matrix spike recoveries were within EPA QC limits.
6. All blank spike recoveries were within EPA QC limits.
7. The method blank contained the common laboratory contaminant Methylene Chloride at a level less than 3x the CRQL.
8. Internal standard area and retention time criteria were met.
9. A spectral search was performed for Decane; however, it was not detected in the samples.
10. "I certify that this sample data package is in compliance with SOW requirements, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hard-copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature."

by J. Michael Taylor
President
Lionville Laboratory Incorporated

12-02-01
Date

som\group\data\voa\tnu-hanford\0111-292.doc

02

GLOSSARY OF VOA DATA

ABBREVIATIONS

BS	=	Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported.
BSD	=	Indicates blank spike duplicate.
MS	=	Indicates matrix spike.
MSD	=	Indicates matrix spike duplicate.
DL	=	Suffix added to sample number to indicate that results are from a diluted analysis.
NA	=	Not Applicable.
DF	=	Dilution Factor.
NR	=	Not Required.
SP, Z	=	Indicates Spiked Compound.

GLOSSARY OF VOA DATA

DATA QUALIFIERS

U = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.

J = Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.

B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.

E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.

D = Identifies all compounds identified in an analysis at a secondary dilution factor.

I = Interference.

NQ = Result qualitatively confirmed but not able to quantify.

N = Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

X = This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).

Y = Additional qualifiers used as required are explained in the case narrative.

TECHNICAL FLAGS FOR MANUAL INTEGRATION

Manual quan modifications or integrations are performed routinely to improve the data quality for a variety of technical reasons. Documentation of these modifications should be clear and concise. The following "flags" are used to indicate the technical reasons for quan modifications:

MP - Missed Peak: manually added peak not found by automatic quan program.

PA - Peak Assignment: quan report was changed to reflect correct peak assignment.

RI - Routine Integration: routine integrations are performed for some analytes that are consistently integrated improperly by the automatic integration programs. Examples are the dichlorobenzene isomers on the VOA packed column and benzo(b)fluoranthene/benzo(k)fluoranthene which are poorly resolved on the BNA column.

SP - Split Peak: the automatic integration improperly split the peak; a manual integration was performed to get the correct area.

CB - Coelution/Background: peak was manually integrated to eliminate contribution from coeluting compounds, background signal, or other interference.

PI - Proper Integration: a peak with poor or inconsistent integration (e.g., excessive tail) was properly integrated manually.

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 11/28/01 14:29

RFW Batch Number: 0111L292 Client: TNUHANFORD B02-007 H1600 Work Order: 11343606001 Page: 1a

	Cust ID:	B13D86		B13D86		B13D86		VBLKYZ		VBLKYZ BS	
Sample Information	RFW#:	001		001 MS		001 MSD		01LVH481-MB1		01LVH481-MB1	
	Matrix:	WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00	
	Units:	ug/L		ug/L		ug/L		ug/L		ug/L	
Surrogate Recovery	Toluene-d8	99	%	99	%	100	%	100	%	100	%
	Bromofluorobenzene	86	%	90	%	90	%	87	%	89	%
	1,2-Dichloroethane-d4	101	%	101	%	101	%	96	%	96	%
Chloromethane		10	U	10	U	10	U	10	U	10	U
Bromomethane		10	U	10	U	10	U	10	U	10	U
Vinyl Chloride		10	U	10	U	10	U	10	U	10	U
Chloroethane		10	U	10	U	10	U	10	U	10	U
Methylene Chloride		7	B	8	B	5	B	10		11	B
Acetone		10	U	10	U	10	U	10	U	10	U
Carbon Disulfide		5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene		5	U	79	%	79	%	5	U	80	%
1,1-Dichloroethane		5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)		5	U	5	U	5	U	5	U	5	U
Chloroform		5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane		5	U	5	U	5	U	5	U	5	U
2-Butanone		10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane		5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride		5	U	5	U	5	U	5	U	5	U
Bromodichloromethane		5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane		5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene		5	U	5	U	5	U	5	U	5	U
Trichloroethene		5	U	99	%	99	%	5	U	98	%
Dibromochloromethane		5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane		5	U	5	U	5	U	5	U	5	U
Benzene		5	U	101	%	102	%	5	U	100	%
Trans-1,3-Dichloropropene		5	U	5	U	5	U	5	U	5	U
Bromoform		5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		10	U	10	U	10	U	10	U	10	U
2-Hexanone		10	U	10	U	10	U	10	U	10	U
Tetrachloroethene		5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane		5	U	5	U	5	U	5	U	5	U
Toluene		5	U	106	%	108	%	5	U	106	%

*= Outside of EPA CLP QC limits.

RFW Batch Number: **0111L292** Client: **TMUHANFORD B02-007 H1600** Work Order: 11343606001 Page: 1b

	Cust ID:	B13D86	B13D86	B13D86	VBLKYZ	VBLKYZ BS
	RFW#:	001	001 MS	001 MSD	01LVH481-MB1	01LVH481-MB1
Chlorobenzene		5 U	101 %	101 %	5 U	99 %
Ethylbenzene		5 U	5 U	5 U	5 U	5 U
Styrene		5 U	5 U	5 U	5 U	5 U
Xylene (total)		5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B13D86

Lab Name: Lionville Labs, Inc. Work Order: 11343606001

Client: TNUHANFORD B02-007 H1600

Matrix: WATER

Lab Sample ID: 0111L292-001

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: h111413

Level: (low/med) LOW

Date Received: 11/07/01

% Moisture: not dec. _____

Date Analyzed: 11/14/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		SILOXANE	18.291	6	J
2.		SILOXANE	22.219	10	J

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

VBLKYZ

Lab Name: Lionville Labs, Inc. Work Order: 11343606001

Client: TNUHANFORD B02-007 H1600

Matrix: WATER

Lab Sample ID: 01LVH481-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: h111404

Level: (low/med) LOW

Date Received: 11/14/01

% Moisture: not dec. _____

Date Analyzed: 11/14/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

FORM 1 VOA-TIC 12/88 Rev.

Lionville Laboratory Use Only

0111L292

Custody Transfer Record/Lab Work Request

Page 1 of 1

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

A

Client TNU-Hanford B02-007

Est. Final Proj. Sampling Date

Project # 11343-606-001-9999-00

Project Contact/Phone #

Lionville Laboratory Project Manager OJ

QC SPEC Del STD TAT 30 dy

Date Rec'd 11.7.01 Date Due 12-7-01

Refrigerator #		1
#/Type Container	Liquid	19
	Solid	
Volume	Liquid	40
	Solid	
Preservatives		HCl

ANALYSES REQUESTED → ORGANIC: VOA, BNA, Pest/PCB, Herb; INORG: Metal, CN

Lionville Laboratory Use Only: 06244 OGCSC

MATRIX CODES: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; W - Water; O - Oil; A - Air; DS - Drum Solids; DL - Drum Liquids; L - EP/TCLP Leachate; WI - Wipe; X - Other; F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	
001	B13D86	X	X	W	11/2/01	0530	X

Special Instructions: SAF # B02-007

OGCSC = Propanol, Ethanol

DATE/REVISIONS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Lionville Laboratory Use Only

Samples were: 1) Shipped ___ or Hand Delivered ___ Airbill # See Below

2) Ambient or (Chilled)

3) Received in Good Condition (Y) or N

4) Samples Properly Preserved (Y) or N

5) Received Within Holding Times (Y) or N

Tamper Resistant Seal was: 1) Present on Outer Package (Y) or N; 2) Unbroken on Outer Package (Y) or N; 3) Present on Sample Y or (N); 4) Unbroken on Sample Y or (N)

COC Record Present Upon Sample Rec't (Y) or N

Cooler Temp. 5.6 °C

Discrepancies Between Samples Labels and COC Record? Y or (N)

NOTES: 4235 7954 8729

Relinquished by	Received by	Date	Time
Fedex Ex	[signature]	11/7/01	0/5:25
	[signature]		11/7/01

Relinquished by	Received by	Date	Time
COMPOSITE WASTE		ORIGINAL REWRITTEN	

Bechtel Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		B02-007-05	Page 1 of 1
Collector Watson, D/Bowers DL	Company Contact Cearlock, CS	Telephone No. 372-9638	Project Coordinator TRENT, SJ	Price Code 7N Air Quality ☐	Data Turnaround 45 Days
Project Designation 200 Area Source Characterization 200-CS-1 OU - QC Samplin	Sampling Location 200 East		SAF No. B02-007		
Ice Chest No. SMC-382	Field Logbook No. EL1551	COA B20CS1673C	Method of Shipment Fed Ex		
Shipped To ~~TMACRECRA~~ DSW 11/2/01	Offsite Property No. A020032		Bill of Lading/Air Bill No. 423579545-8729		

POSSIBLE SAMPLE HAZARDS/REMARKS
Samples did not originate in radiological controlled area. No total activity associated with sample/samples. RT 11-6-01
Special Handling and/or Storage

Preservation	HCl to pH <2 Cool 4C									
Type of Container	aGs*									
No. of Container(s)	1									
Volume	40mL									

SAMPLE ANALYSIS	VOA - 8260A (TCL); VOA - 8260A (Add-On) (1-Propanol, Ethanol)									
Sample No.	Matrix *	Sample Date	Sample Time							
B13D86	WATER	11/2/01	0530	X						

CHAIN OF POSSESSION	Sign/Print Names		
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
DS Watson DS Watson	11/2/01 1115	REF. 3B 3728 BLDG	11/2/01 1115
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Ref 3B 3728 11-6-01	0700	R.T. Thoren	0700 11-6-01
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
R.T. Thoren ERC 11-6-01	0700	ED	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Fed Ex	11-7-01 15:25	DJ Mc	11-7-01 15:25
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time

SPECIAL INSTRUCTIONS
** Laboratory is to measure pH within 24 hours of sample receipt.
** The ERC acknowledges the 48-hour holding time will not be met for Nitrate using EPA method 300.0.
** The laboratory is to report Decane as a TIC if present in detectable quantities.

Samples stored in Ref.# 3B at the 3728 Shipping Facility on 11/2/01.
Collector not available to relenquish samples on 11/6/01 for shipment.
RT 11-6-01

Matrix *
S=Soil
SD=Sediment
SO=Solid
SL=Sludge
W=Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WI=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

BHI-EE-011 (10/99)

LIONVILLE LABORATORY INC.

Analytical Report

Client: TNU HANFORD B02-007
LVL#: 0111L292
SDG/SAF#: H1600/B02-007

W.O.#: 11343-606-001-9999-00
Date Received: 11-07-01

GC SCAN

One (1) water sample was collected on 11-02-01.

The sample and its associated QC samples were analyzed according to criteria set forth in Lionville Laboratory OPs based on Method 8015 for target compounds Ethanol and n-Propyl Alcohol on 11-19-01.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

1. The cooler temperature upon receipt has been recorded on the chain-of-custody.

2. The sample was packaged and stored as specified in the method protocol.

3. Surrogates are not currently employed in the methodology.

4. All initial calibrations were within acceptance criteria.

5. All continuing calibrations run prior to analysis were within acceptance criteria.

6. All blank spike recoveries were within acceptance criteria.

7. All matrix spike recoveries were within acceptance criteria.

8. I certify that this sample data package is in compliance with SOW requirements, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hard-copy data package has been authorized by the laboratory Manager or a designee, as verified by the following signature.

Iain Daniels
Deputy Laboratory Manager
Lionville Laboratory Incorporated

11/29/01
Date

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208 Welsh Pool Road • Lionville, PA 19341-1333 • (610) 280-3000 • Fax (610) 280-3041

GLOSSARY OF GC VOLATILES DATA

DATA QUALIFIERS

U = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).

J = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.

B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.

E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.

I = Interference.

ABBREVIATIONS

BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.

BSD = Indicates blank spike duplicate.

MS = Indicates matrix spike.

MSD = Indicates matrix spike duplicate.

DL = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.

NA = Not Applicable.

DF = Dilution Factor.

NR = Not Required.

SP = Indicates Spiked Compound.

GLOSSARY OF GC VOLATILES DATA

P = This flag is used for an GC VOLATILES target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

D = This flag identifies all compounds identified in an analysis at a secondary dilution factor.

C = This flag applies to a compound that has been confirmed by GC VOLATILES.

Lionville Laboratory, Inc.

GC SCAN

Report Date: 11/28/01 14:25

RFW Batch Number: 0111L292 Client: TNUHANFORD B02-007 H1600 Work Order: 11343606001 Page: 1

	Cust ID:	B13D86	B13D86	B13D86	BLK	BLK BS	BLK BSD
Sample Information	RFW#:	001	001 MS	001 MSD	01LJMB19-MB1	01LJMB19-MB1	01LJMB19-MB1
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		fl	fl	fl	fl	fl	fl
n-Propyl Alcohol		5.0 U	98 %	94 %	5.0 U	99 %	94 %
Ethanol		5.0 U	101 %	98 %	5.0 U	103 %	98 %

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked.
%= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. *= Outside of EPA CLP QC

Lionville Laboratory Use Only

0111L292

Custody Transfer Record/Lab Work Request

Page 1 of 1

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

LVLI

Client TNU-Hanford B02-007

Est. Final Proj. Sampling Date

Project # 11343-606-001-9999-00

Project Contact/Phone #

Lionville Laboratory Project Manager OJ

QC SPEC Del STD TAT 30 dy

Date Rec'd 11.7.01 Date Due 12-7-01

		A
Refrigerator #		1
#/Type Container	Liquid	19
	Solid	
Volume	Liquid	40
	Solid	
Preservatives		HCl

ANALYSES REQUESTED → ORGANIC: VOA, BNA, Pest/PCB, Herb; INORG: Metal, CN

MATRIX CODES	Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	Lionville Laboratory Use Only: 0614 OGCSC	VOA	BNA	Pest/PCB	Herb	Metal	CN
S - Soil, SE - Sediment, SO - Solid, SL - Sludge, W - Water, O - Oil, A - Air, OS - Drum Solids, DL - Drum Liquids, L - EP/TCLP Leachate, WI - Wipe, X - Other, F - Fish	001	B13D86	X	X	W	11/2/01	0530	X						

Special Instructions: SAF # B02-007

OGCSC = Propanol, Ethanol

DATE/REVISIONS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Lionville Laboratory Use Only

Samples were: 1) Shipped ✓ or Hand Delivered ___ Airbill # See Below

2) Ambient or (Chilled)

3) Received in Good Condition (Y) or N

4) Samples Properly Preserved (Y) or N

5) Received Within Holding Times (Y) or N

Tamper Resistant Seal was: 1) Present on Outer Package (Y) or N; 2) Unbroken on Outer Package (Y) or N; 3) Present on Sample Y or (N); 4) Unbroken on Sample Y or (N)

COC Record Present Upon Sample Rec't (Y) or N

Cooler Temp. 5.6 °C

Relinquished by	Received by	Date	Time
Fed Ex	[signature]	11/7/01	0/5:25
			1/7/01

Relinquished by	Received by	Date	Time
COMPOSITE WASTE		ORIGINAL REWRITTEN	

Discrepancies Between Samples Labels and COC Record? Y or (N)

NOTES:

4235 7954 8729

Bechtel Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	B02-007-05	Page 1 of 1
Collector Watson, D/Bowers DL	**Company Contact** Cearlock, CS	**Telephone No.** 372-9638	**Project Coordinator** TRENT, SJ	**Price Code** 7N	**Data Turnaround** 45 Days
Project Designation 200 Area Source Characterization 200-CS-1 OU - QC Samplin	**Sampling Location** 200 East		**SAF No.** B02-007	**Air Quality** ☐	
Ice Chest No. SMC-382	**Field Logbook No.** EL1551	**COA** B20CS1673C	**Method of Shipment** Fed Ex		
Shipped To ~~TMACRECRA~~ D3W 11/2/01	**Offsite Property No.** A020032		**Bill of Lading/Air Bill No.** 423579754-8729		

POSSIBLE SAMPLE HAZARDS/REMARKS
Samples did not originate in radiological controlled area. No total activity associated with sample/samples. RT 11-6-01
Special Handling and/or Storage

Preservation	HCl to pH <2 Cool 4C											
Type of Container	aGs*											
No. of Container(s)	1											
Volume	40mL											
SAMPLE ANALYSIS	VOA - 8260A (TCL); VOA - 8260A (Add-On) (1-Propanol, Ethanol)											
Sample No.	**Matrix ***	**Sample Date**	**Sample Time**									
B13D86	WATER	11/2/01	0530	X								

CHAIN OF POSSESSION — **Sign/Print Names**

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
DS WATSON	11/2/01 1115	REF. 3B 3728 BLDG.	11/2/01 1115
Ref 3B 3728	11-6-01 0700	RT Thoren	11-6-01 0700
RT Thoren ERC	11-6-01 0700	FED EX	
Fed Ex	11.7.01 15:25		11.7.01 15:25

SPECIAL INSTRUCTIONS
** Laboratory is to measure pH within 24 hours of sample receipt.
** The ERC acknowledges the 48-hour holding time will not be met for Nitrate using EPA method 300.0.
** The laboratory is to report Decane as a TIC if present in detectable quantities.

Samples stored in Ref.# 3B at the 3728 Shipping Facility on 11/2/01.
Collector not available to relenquish samples on 11/6/01 for shipment.
RT 11-6-01

Matrix *
S=Soil
SD=Sediment
SO=Solid
SL=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WP=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

BHI-EE-011 (10/99)

Figure 1. Sample Check-in List

Date/Time Received: 11.7.01 / 15:25

SDG#: 01111292

Work Order Number: _____ SAF# B02-007

Shipping Container ID: SML 382 Chain of Custody # B02-007-05

1. Custody Seals on shipping container intact? Yes [✓] No [ ]
2. Custody Seals dated and signed? Yes [✓] No [ ]
3. Chain-of-Custody record present? Yes [✓] No [ ]
4. Cooler temperature 5.6°C
5. Vermiculite/packing materials is Wet [ ] Dry [✓]
6. Number of samples in shipping container: 1
7. Sample holding times exceeded? Yes [ ] No [✓]

8. Samples have:
   - ____ tape
   - ____ hazard labels
   - ____ custody seals
   - ✓ appropriate sample labels

9. Samples are:
   - ✓ in good condition
   - ____ leaking
   - ____ broken
   - ____ have air bubbles

10. Were any anomalies identified in sample receipt? Yes [ ] No [✓]
11. Description of anomalies (include sample numbers): _____

Sample Custodian/Laboratory: _____ Date: _____

Telephoned to: _____ On _____ By _____